

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/588227	US-PGPUB; USPAT	OR	ON	2009/07/07 14:12
S2	677	ishikawa-tetsuhiro.in. or yano-tsuyoshi.in. or yoshida-hiroshi.in.	US-PGPUB; USPAT	OR	ON	2009/07/07 15:14
S3	162	S2 and converter	US-PGPUB; USPAT	OR	ON	2009/07/07 15:15
S4	107	S3 and voltage with converter	US-PGPUB; USPAT	OR	ON	2009/07/07 15:15
S5	677	ishikawa-tetsuhiro.in. or yano-tsuyoshi.in. or yoshida-hiroshi.in.	US-PGPUB; USPAT	OR	ON	2009/07/08 17:01
S6	162	S5 and converter	US-PGPUB; USPAT	OR	ON	2009/07/08 17:01
S7	107	S6 and voltage with converter	US-PGPUB; USPAT	OR	ON	2009/07/08 17:01
S8	91	S7 and phase	US-PGPUB; USPAT	OR	ON	2009/07/08 17:01
S9	1	11/451293	US-PGPUB; USPAT	OR	ON	2009/07/09 14:53
S10	679	ishikawa-tetsuhiro.in. or yano-tsuyoshi.in. or yoshida-hiroshi.in.	US-PGPUB; USPAT	OR	ON	2009/07/09 18:09
S11	162	S10 and converter	US-PGPUB; USPAT	OR	ON	2009/07/09 18:09
S12	107	S11 and voltage with converter	US-PGPUB; USPAT	OR	ON	2009/07/09 18:09
S13	91	S12 and phase	US-PGPUB; USPAT	OR	ON	2009/07/09 18:09
S14	2	S13 and hysteresis	US-PGPUB; USPAT	OR	ON	2009/07/09 18:09
S15	3	S13 and bridge	US-PGPUB; USPAT	OR	ON	2009/07/09 18:15
S16	4	S13 and (plurality or multi) adj3 phase	US-PGPUB; USPAT	OR	ON	2009/07/09 18:23
S17	1	"20040041473"	US-PGPUB; USPAT	OR	ON	2009/07/09 18:31
S18	6	jp adj ("2002118979" or "2003111384" or "2003235252")	JPO; DERWENT	OR	ON	2009/07/10 16:44

S19	2	jp adj ("200388140" or "2002272136")	JPO; DERWENT	OR	ON	2009/07/13 12:41
S20	927	three with phase with bridge with converter	US-PGPUB; USPAT	OR	ON	2009/12/31 13:56
S21	390	(three adj2 phase adj2 bridge) with converter	US-PGPUB; USPAT	OR	ON	2009/12/31 13:59
S22	26	S21 and fuel adj cell	US-PGPUB; USPAT	OR	ON	2009/12/31 13:59
S23	721	ishikawa-tetsuhiro.in. or yano-tsuyoshi.in. or yoshida-hiroshi.in.	US-PGPUB; USPAT	OR	ON	2009/12/31 19:13
S24	188	S23 and converter	US-PGPUB; USPAT	OR	ON	2009/12/31 19:13
S25	131	S24 and voltage with converter	US-PGPUB; USPAT	OR	ON	2009/12/31 19:13
S26	115	S25 and phase	US-PGPUB; USPAT	OR	ON	2009/12/31 19:13
S27	2	jp adj ("2000134939")	JPO; DERWENT	OR	ON	2009/12/31 20:44
S28	744	ishikawa-tetsuhiro.in. or yano-tsuyoshi.in. or yoshida-hiroshi.in.	US-PGPUB; USPAT	OR	ON	2010/06/11 17:15
S29	201	S28 and converter	US-PGPUB; USPAT	OR	ON	2010/06/11 17:15
S30	144	S29 and voltage with converter	US-PGPUB; USPAT	OR	ON	2010/06/11 17:15
S31	126	S30 and phase	US-PGPUB; USPAT	OR	ON	2010/06/11 17:15
S32	774	ishikawa-tetsuhiro.in. or yano-tsuyoshi.in. or yoshida-hiroshi.in.	US-PGPUB; USPAT	OR	ON	2010/12/16 16:24
S33	217	S32 and converter	US-PGPUB; USPAT	OR	ON	2010/12/16 16:24
S34	157	S33 and voltage with converter	US-PGPUB; USPAT	OR	ON	2010/12/16 16:24
S35	138	S34 and phase	US-PGPUB; USPAT	OR	ON	2010/12/16 16:24
S36	150268	voltage with converter	US-PGPUB; USPAT	OR	ON	2011/05/18 14:26
S37	70610	S36 and phase	US-PGPUB; USPAT	OR	ON	2011/05/18 14:26
S38	23484	S36 same phase	US-PGPUB; USPAT	OR	ON	2011/05/18 14:26
S39	10764	S36 same (phase and (switch or change))	US-PGPUB; USPAT	OR	ON	2011/05/18 14:27
S40	88	S39 and total adj loss	US-PGPUB; USPAT	OR	ON	2011/05/18 14:27

S41	1302	S36 same (phase near2 (switch or change))	US-PGPUB; USPAT	OR	ON	2011/05/18 14:30
S42	8	S41 and total adj loss	US-PGPUB; USPAT	OR	ON	2011/05/18 14:30
S43	803	ishikawa-tetsuhiro.in. or yano-tsuyoshi.in. or yoshida-hiroshi.in.	US-PGPUB; USPAT	OR	ON	2011/05/18 16:23
S44	231	S43 and converter	US-PGPUB; USPAT	OR	ON	2011/05/18 16:23
S45	170	S44 and voltage with converter	US-PGPUB; USPAT	OR	ON	2011/05/18 16:23
S46	150	S45 and phase	US-PGPUB; USPAT	OR	ON	2011/05/18 16:23
S47	7383	363/15-33.ccls.	US-PGPUB; USPAT	OR	ON	2011/09/07 13:22
S48	677	S47 and bridge adj2 converter	US-PGPUB; USPAT	OR	ON	2011/09/07 13:22
S49	422	S48 and phase	US-PGPUB; USPAT	OR	ON	2011/09/07 13:23
S50	79	S48 and (("3" or three) adj phase)	US-PGPUB; USPAT	OR	ON	2011/09/07 13:25
S51	14	S50 and fuel adj cell	US-PGPUB; USPAT	OR	ON	2011/09/07 13:26
S52	934	S47 and bridge adj2 (converter or inverter)	US-PGPUB; USPAT	OR	ON	2011/09/07 13:47
S53	137	S52 and (("3" or three) adj phase)	US-PGPUB; USPAT	OR	ON	2011/09/07 13:47
S54	20	S53 and fuel adj cell	US-PGPUB; USPAT	OR	ON	2011/09/07 13:48
S55	7383	363/15-33.ccls.	US-PGPUB; USPAT	OR	ON	2011/09/07 16:36
S56	934	S55 and bridge adj2 (converter or inverter)	US-PGPUB; USPAT	OR	ON	2011/09/07 16:36
S57	137	S56 and (("3" or three) adj phase)	US-PGPUB; USPAT	OR	ON	2011/09/07 16:36
S58	20	S57 and fuel adj cell	US-PGPUB; USPAT	OR	ON	2011/09/07 16:36
S59	7383	363/15-33.ccls.	US-PGPUB; USPAT	OR	ON	2011/09/07 17:42
S60	934	S59 and bridge adj2 (converter or inverter)	US-PGPUB; USPAT	OR	ON	2011/09/07 17:42
S61	137	S60 and (("3" or three) adj phase)	US-PGPUB; USPAT	OR	ON	2011/09/07 17:42
S62	20	S61 and fuel adj cell	US-PGPUB; USPAT	OR	ON	2011/09/07 17:42

S63	8	S62 and (shift)	US-PGPUB; USPAT	OR	ON	2011/09/07 17:42
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**EAST Search History (I nterference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S64	5451	363/15-33.ccls.	USPAT; UPAD	OR	ON	2011/09/07 17:45
S65	673	S64 and bridge adj2 (converter or inverter)	USPAT; UPAD	OR	ON	2011/09/07 17:45
S66	109	S65 and (("3" or three or multi) adj phase)	USPAT; UPAD	OR	ON	2011/09/07 17:46
S67	101	S65 and (("3" or three) adj phase)	USPAT; UPAD	OR	ON	2011/09/07 17:46
S68	11	S66 and fuel adj cell	USPAT; UPAD	OR	ON	2011/09/07 18:42

**9/ 12/ 2011 6:22:16 PM****C:\ Documents and Settings\ cslifka\ My Documents\ EAST\ Workspaces\ 10588227.wsp**